Web Images Videos Maps News Shopping Gmail more ▼ Instant is off ▼ eca rule monitoring ev Search Advanced search Everything Using ECA Rules in Database Systems to Support Clinical Protocols by K Dube - 2002 - Cited by 5 - Related articles Images Event-Condition-Action (ECA) rule2 paradigm, as found in active .... a rule refers to the ■Videos idea that the firing time of the rule is predetermined .... for the external actions and the management of the temporal events, will not be presented here. The Time Events ■ News Generator extends the database trigger mechanism ... \*→ Shopping www.springerlink.com/index/aghd1wtmbh72530p.pdf ▼ More DEGAS: Capturing dynamics in objects by J van den Akker - 1996 - Cited by 8 - Related articles Alexandria, VA temporal databases. The specification of a DEGAS object has a static part ... Change location www.springerlink.com/index/p7505577t2u2h53v.pdf Chapter 7 BUFFER MANAGEMENT IN REAL-TIME ACTIVE DATABASE SYSTEMS by A Datta - 2002 - Cited by 10 - Related articles An example may be the following rule: ON event report, ... where distributed ... Show search tools www.springerlink.com/index/w0uw383656ul7278.pdf - Similar ■Show more results from springerlink.com Optimal use of triggers for detecting database events - Patent ... by MA Bhide - 2003 Jun 9, 2005 ... A method of monitoring events in a database comprising the steps of: ... of an event is expressed as a predetermined duration of time. .... The lifespan of events is defined based upon the time span of other events in the rule. ... Triggers are represented as ECA (event-condition-action) rules. ... www.freepatentsonline.com/y2005/0125371.html - Cached 5. Snoop: An expressive event specification language for active ... by S Chakravarthy - 1994 - Cited by 461 - Related articles This rule requires not only database events, but temporal and ... For example, end-of-insert is a logical event for the event expression insert (which has a duration), ... to a predetermined point on the time line is a definite event. ... Conditions define 'states' and hence are used in ECA rules as guards on ... linkinghub.elsevier.com/retrieve/pii/0169023X9490006X Buffer management in real-time active database systems - Elsevier

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The insights derived from this paper impact both real-time database systems ...
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   Event-Condition-Action paradigm), and the reality, in which a single event may ... a run-
   time monitor that receives information about the occurrence of events, ... A trigger in SQL3
   is an ECA rule that is activated by a database state ..... events. Fig. 3. Event Group. 5.
   Lifespan. A lifespan is the temporal ...
   citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.73... - Similar
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   react to events and trigger rule executions that ..... Active databases ...
   citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.5.7657&rep...
   IPDFI DREAM: Distributed Reliable Event-based Application Management
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   a time-based order with the purpose of facilitating event selection. However ...
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   [PDF] Fundamentals of Database Systems - Ch 23-27
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   trigger the rule occur. The triggering events-an insert of a new employee ...
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   IPDFI Collision of Constrained Work Spaces: A Uniform Concept for Design ...
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   kinship to the classical event condition action ECA rules known from, e.g., active
   database systems 33, 1 . .... life span (temporal validity) of decision space level of detail ...
   contribute their own specific and often predetermined ..... Temporal and Real. Time
   Databases: A Survey, IEEE Trans, on Knowl-...
   www.ifib.uni-karlsruhe.de/web/ifib_dokumente/downloads/coopis97.pdf
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As a consequence, querying the temporal database eventually results in multi-... polling in

monitoring applications where events are detected as changes to ..... In Dream the traditional processing of Event-Condition-Action rules ... When events of interest (i.e. those that trigger rules) are ... pi1.informatik.uni-mannheim.de/.../dream-distributed-reliable-event- basedapplicationmanagement.pdf - Similar

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IPSI A 3-Dimensional Perspective on Integrated Management of Rules and ...

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by DKW Chiu - Related articles

Now, only upon the trigger of a certain event, the system needs to .... Temporal event classes can be defined with units for time measurement, nature of time ( dis- ..... Dimension 1: Data and Rule Modeling - ECA rules and even events are ..... Performance measurement - monitoring or tracing various database events ...

ftp://ftp.cs.ust.hk/pub/techreport/96/tr96-38.ps.gz 14

#### PDFI Sybase BAM User Manual

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time monitoring. BAM draws its information from multiple application systems ... Event-Condition-Action (ECA): a model to support complex event processing. ... complex event patterns. If the event pattern is matched, rules trigger ..... The column length, which specifies the length of database table columns ...

15

# infocenter.svbase.com/help/topic/com.svbase.stf.po.doc.../bam\_ug.pdf IPDFI A Distributed Multi-Agent Framework for Intelligent Environments

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development tools, inference engines, and database support for .... television viewing session such as channels, duration and genre ... Temporal events occur based on a specified pattern with time. ... In event-condition-action (ECA) form, a rule that protects the safety of the inhabitants might be ...

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Dec 27, 1999 ... The explicit time dimension in a temporal database is usually ..... Examples include the lifespan over which a relation is defined ..... with a predetermined set of partitions from the other relation. ..... The basic building blocks in an active database are the event-condition-action (ECA) rules. ...

onlinelibrary.wilev.com/doi/10.1002/047134608X.W4306/full

## Rule based Adaptation in Mobile Database Systems 310

by O Zukunft - 1997 - Cited by 7 - Related articles

thermore, the use of triggers as available in active database systems for managing mobility ... event-condition-action (ECA) rule model: On sig- nalling of an event. .... by logical and temporal combination of atomic events ... lifespan allows to discard those

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events for which the specified time has been exceeded. ...
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18.

#### Empowering Provenance in Data Integration

To this end we propose a new rule based model that adopts the ECA rules and ... portal acm.org/citation.cfm?id=1616670.1616698&preflayout=flat

19.

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www.dbd.puc-rio.br/depto\_informatica/03\_22\_haendchenfilho.pdf

21.

# A Formal Logic Perspective on Law, Jurisprudence, and Information ...

If we have a ECA rule If A  $^{\Lambda}$ B then C and also C  $^{\Lambda}$ D is asserted in the ontology, .... Precision and complexity may head towards convergence in time, ..., specific predetermined questions and among specific predetermined outcomes. .... This can be represented in terms of the 'henceforth' temporal logic operator: ... www.site.uottawa.cai-\u00e4uidinioansersl.ceall.coiciblion.htm - Cached

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time, the Event-Condition-Action rules of active databases add to a ... rules describe its actual behaviour as far as can be pre-determined. ... Rules in Degas follow the usual Event-Condition-Action (ECA) format ..... Phase 4 The last phase in the design of a Degas database, is to specify the temporal relations ...

oai.cwi.nl/oai/asset/4778/04778D.pdf

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    kinship to the classical event-condition-action (ECA) rules known from, e.g., active
   database systems [33, 11. .... life span (temporal validity) of decision space level of
   detail ... contribute their own specific and often predetermined ...... Temporal and Real-
   Time Databases: A Survey, IEEE Trans. on Knowl-...
   ieeexplore.ieee.org/iel3/4847/13400/00613799.pdf
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   A TECHNOLOGY ADAPTATION MODEL FOR BUSINESS PROCESS - Archive@NYU ...
   by EA Stohr - 1996 - Cited by 15 - Related articles
   Monitoring and controlling workflows in real time. 4, ..., be executed by human and software
   agents and a predetermined partial ordering over the ..... The ability to handle entirely
   unanticipated events is a human quality which the .... The Event-Condition-Action (ECA)
   rules in active databases Wson921 should be ...
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   complexevents.com/media/articles/RuleML.pdf
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   Amit - the situation manager 百度文库
   Nov 26, 2010 ... A trigger in SQL3 is an ECA rule that is activated by a database state .....
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IPDFI Ontology for Information Systems (O4IS) Design Methodology

(based on speech act theory), Event Condition Action Rule analysis model, ..... In case

30

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there is a certain predetermined time out period, then we should ...
   kth.diva-portal.org/smash/get/diva2:12625/FULLTEXT01
   IPDFI Lecture Notes in Computer Science 4512
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    (ECA) rules for monitoring and execution of an application, ..... trigger constructs [8] in the
   so-called active event-condition-action setting, ...
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   monitoring of thousands of data streams in real time. In. VLDB 2002, pages 358- 369. .....
   ties (safety and liveness) for Event Condition Action rules ...
   www.sigmod.org/publications/sigmod-record/.../sigmod-record.june2005.pdf
33
   Clinical Knowledge Management: Opportunities and Challenges
   ECA rules have the following form: ON event IF condition DO action The ON clause ...... the
   ordering of these events and the time duration between them. ...
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34
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